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TOP SECRET

[redacted]

PHOTOGRAPHIC
INTERPRETATION
REPORT

NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

SELECTED HF COMMUNICATIONS FACILITIES CHING-TAO AREA, CHINA

25X1

TOP SECRET

[redacted] 25X1

AUGUST 1970
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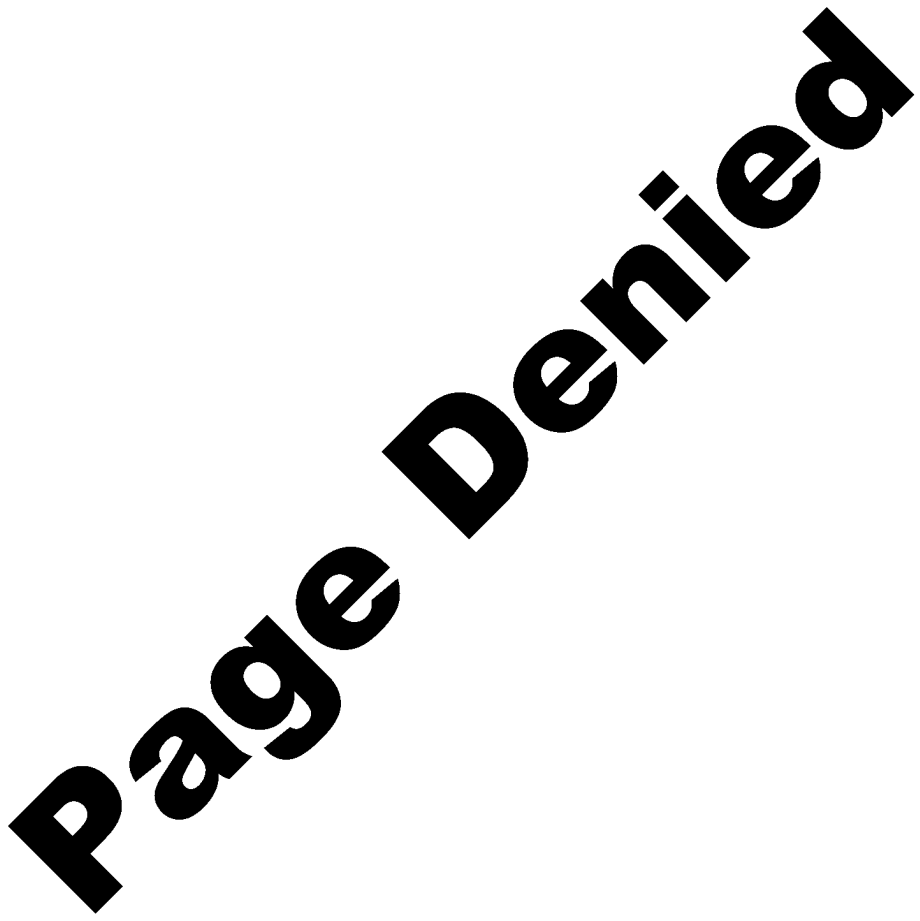

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SELECTED HF COMMUNICATIONS FACILITIES
CHING-TAO AREA, CHINA

1. This is one in a series of reports on antennas at selected high-frequency (HF) communications (suspect SIGINT-related) facilities in China.

2. The ten facilities listed below were searched for antennas in the area of Ching-tao, China (Figure 1). Five of the facilities contained horizontal dipole and probable horizontal dipole antennas (Table 1). One of the facilities contained one horizontal dipole and six single rhombic antennas, and another facility contained one Vee antenna (Table 2). Three of the facilities were not covered on photography of suitable interpretability to determine numbers and details of antennas.

Ching-tao AM Transmitter No 1
36-04-05N 120-26-20E,
Antennas: could not be determined from available photography

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Ching-tao Radio Communications Transmitter No 2 (prob VLF)*
36-03-29N 120-17-23E,
Antennas: 22 horizontal dipole; 5 prob horizontal dipole

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Ching-tao Radio Communications Transmitter No 3
36-07-25N 120-23-37E,
Antennas: 2 horizontal dipole; 1 prob horizontal dipole

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Ching-tao Radio Communications Transmitter No 5
36-07-05N 120-21-05E,
Antennas: 6 horizontal dipole

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Ching-tao Radio Communications Transmitter No 7 Liu-ting
36-15-45N 120-23-10E,
Antennas: could not be determined from available photography

25X1

Ching-tao Radio Communications Transmitter No 8 Li-tsun
36-10-52N 120-30-10E,
Antennas: 1 horizontal dipole; 6 single rhombic

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Ching-tao Radio Communications Transmitter No 10 Nan-chiang
36-00-30N 120-18-08E,
Antennas: 1 horizontal dipole

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*Photo-derived intelligence shows no evidence that this is a probable VLF station.

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Ching-tao Radio Communications Transmitter No 11
36-02-40N 120-16-55E, 25X1
Antennas: 3 horizontal dipole; 1 prob horizontal dipole

Ching-tao Radio Communications Transmitter No 12
36-03-30N 120-18-25E, 25X1
Antennas: 1 Vee

Ching-tao Radio Communications Receiver
36-08-34N 120-25-19E, 25X1
Antennas: could not be determined from available photography

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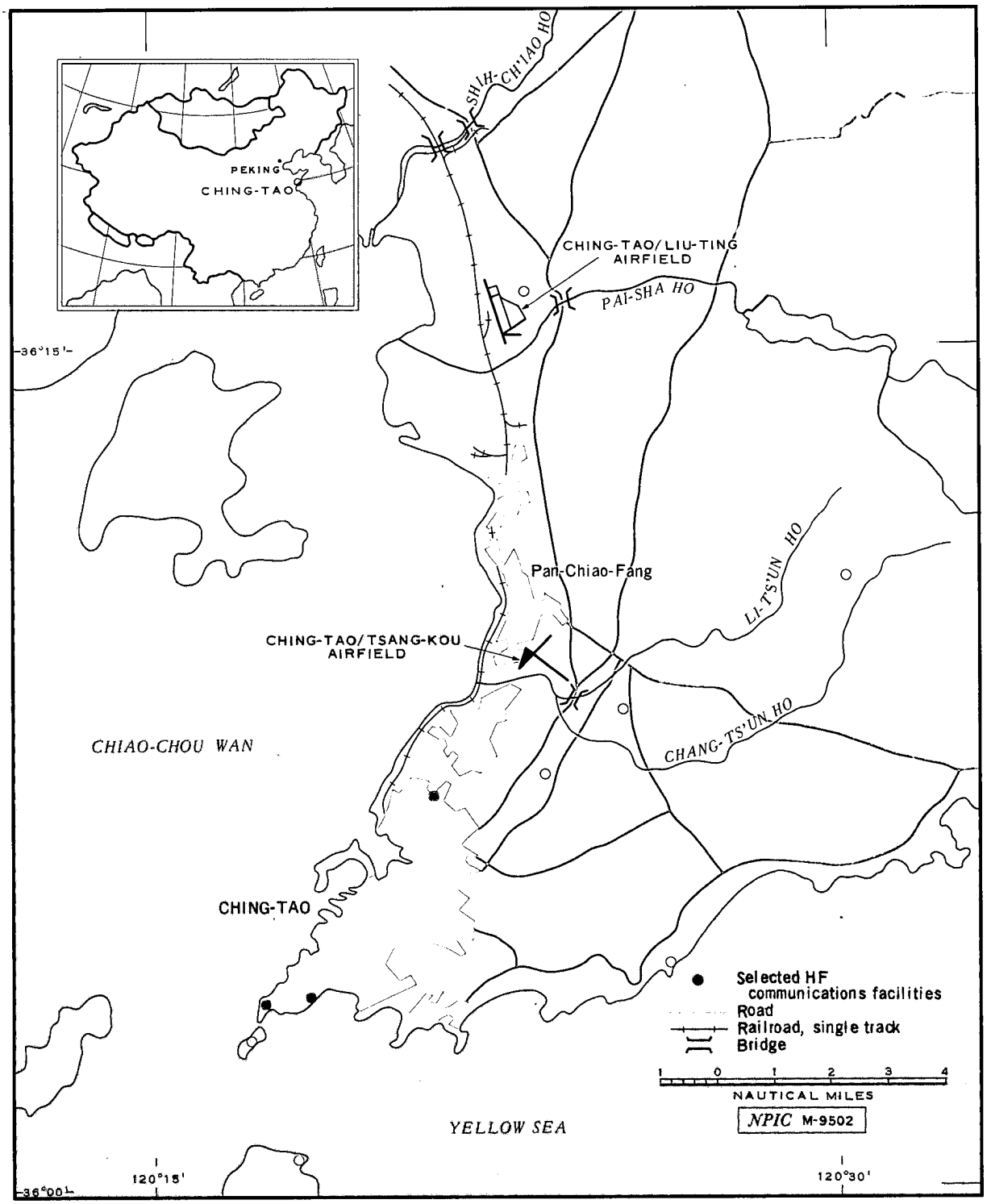

FIGURE 1. SELECTED HF COMMUNICATIONS FACILITIES CHING-TAO AREA, CHINA

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REFERENCES

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MAPS OR CHARTS

USN. US Air Target Chart, Series 200, Sheet 0381-24, scale 1:200,000

REQUIREMENT

NSA/SOC/R-93-70
NPIC Project 25066lAE

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